

INSTRUCTIONS

For Using and Processing Black-and-White Reversal Film

The film is available in two types:

„OCh-45“ is a medium speed film. It is used for amateur photography under good lighting conditions.

„OCh-180“ is a high speed film which is used for making scenes under poor lighting conditions.

The films are panchromatic according to their spectral sensitivity and well suited for daylight and tungsten light. The film „OCh-180“ has a higher sensitivity to red light, therefore it is especially suited for making pictures under tungsten light, for example, sport indoor photography, theatrical photography etc.

The films cannot be used for making negative pictures, as they have colloidal silver antihalo sublayer.

When using reversal films, you should bear in mind that the latitude of reversal films is considerably less than that of negative films on account of substituting reversal way for usual negative and positive processes. In view of this fact the right choice of exposure has an important significance.

When making pictures, the aperture should be selected by means of an exposure meter taking as a rule the following nominal sensitivity of the films (GOST ind.):

Luminosity	OCh-45	OCh-180
Day-light	45	180
Tungsten light	32	250

When using filters, the following ratio values should be considered in relation to the film type:

Film types	Filters			
	ЖК-12	ЖК-18	OC-12	ЖЗС-9
OCh-45	1.5	2	3	2
OCh-180	1.2	1.5	2	3

LABORATORY PROCESSING

Processing Steps	Time (min.)	Temperature (°C)
First development	8 to 12*	20±0.5
Rinsing	5	15±5
Bleaching	6	19±1
Rinsing	8	15±5
Clearing	7	19±1
Rinsing	6	15±5
Second exposure	5	—
Second development	7	19±1
Rinsing	1	15±5
Fixing	5	17±2
Rinsing	15	15±1

*) Development time is indicated on the package.